

SK



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PCT09

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/623,548A

DATE: 03/13/2003 86  
TIME: 13:45:20

Input Set : A:\SEQLIST500862002100.TXT

Output Set: N:\CRF4\03132003\I623548A.raw

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3 <110> APPLICANT: Conjuchem, Inc.
4   Bridon, Dominique
5   Ezrin, Alan
6   Milner, Peter
7   Holmes, Darren
8   Thibaudeau, Karen
10 <120> TITLE OF INVENTION: PROTECTION OF ENDOGENOUS THERAPEUTIC PEPTIDES FROM
11   PEPTIDASE ACTIVITY THROUGH CONJUGATION TO BLOOD
12   COMPONENTS
14 <130> FILE REFERENCE: 2110
16 <140> CURRENT APPLICATION NUMBER: 09/623,548A
17 <141> CURRENT FILING DATE: 2000-09-05
19 <150> PRIOR APPLICATION NUMBER: 60/134,406
20 <151> PRIOR FILING DATE: 1999-05-17
22 <150> PRIOR APPLICATION NUMBER: 60/153,406
23 <151> PRIOR FILING DATE: 1999-09-10
25 <150> PRIOR APPLICATION NUMBER: 60/159,783
26 <151> PRIOR FILING DATE: 1999-10-18
28 <160> NUMBER OF SEQ ID NOS: 1617
30 <170> SOFTWARE: PatentIn Ver. 2.1
32 <210> SEQ ID NO: 1
33 <211> LENGTH: 19
34 <212> TYPE: PRT
35 <213> ORGANISM: Artificial Sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
39   Peptide
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42 His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys Arg Arg Pro Val Lys
43   1           5           10           15
45 Val Tyr Pro
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50 <211> LENGTH: 8
51 <212> TYPE: PRT
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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59 Met Glu His Phe Arg Trp Gly Lys
60   1           5
63 <210> SEQ ID NO: 3
64 <211> LENGTH: 39

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65 <212> TYPE: PRT
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
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70     Peptide
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73 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys
74   1             5             10             15
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77           20           25           30
79 Glu Ala Phe Pro Leu Glu Phe
80       35
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85 <212> TYPE: PRT
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88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
90     Peptide
92 <400> SEQUENCE: 4
93 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val
94   1             5             10
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98 <211> LENGTH: 16
99 <212> TYPE: PRT
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
104     Peptide
106 <400> SEQUENCE: 5
107 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys
108   1             5             10             15
111 <210> SEQ ID NO: 6
112 <211> LENGTH: 17
113 <212> TYPE: PRT
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
118     Peptide
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121 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys
122   1             5             10             15
124 Arg
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135      Peptide
137 <400> SEQUENCE: 7
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142           20
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150 <220> FEATURE:
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155 Met Glu His Phe Arg Trp Gly
156   1           5
159 <210> SEQ ID NO: 9
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165 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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168 <400> SEQUENCE: 9
169 Phe Arg Trp Gly Lys Pro Val Gly Lys Lys Arg Arg Pro Val Lys Val
170   1           5           10           15
172 Tyr Pro Asn Gly Ala Glu Asp Glu Ser Ala Glu Ala Phe Pro Leu Glu
173   20           25           30
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181 <212> TYPE: PRT
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186      Peptide
188 <400> SEQUENCE: 10
189 Arg Pro Val Lys Val Tyr Pro Asn Gly Ala Glu Asp Glu Ser Ala Glu
190   1           5           10           15
192 Ala Phe Pro Leu Glu Phe
193           20
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197 <211> LENGTH: 39
198 <212> TYPE: PRT
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201 <220> FEATURE:
202 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
203      Peptide
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207      1              5              10              15
209 Arg Arg Pro Val Lys Val Tyr Pro Asn Val Ala Glu Asn Glu Ser Ala
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212 Glu Ala Phe Pro Leu Glu Phe
213              35
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221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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225 <400> SEQUENCE: 12
226 Pro Val Gly Lys Lys Arg Arg Pro Val Lys Val Tyr Pro Asn Val Ala
227      1              5              10              15
229 Glu Asn Glu Ser Ala Glu Ala Phe Pro Leu Glu Phe
230              20              25
233 <210> SEQ ID NO: 13
234 <211> LENGTH: 18
235 <212> TYPE: PRT
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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243 Val Tyr Pro Asn Gly Ala Glu Asp Glu Ser Ala Glu Ala Phe Pro Leu
244      1              5              10              15
246 Glu Phe
250 <210> SEQ ID NO: 14
251 <211> LENGTH: 39
252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
257 Peptide
259 <400> SEQUENCE: 14
260 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys
261      1              5              10              15
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264              20              25              30
266 Glu Ala Phe Pro Leu Glu Phe
267              35
270 <210> SEQ ID NO: 15
271 <211> LENGTH: 28
272 <212> TYPE: PRT
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275 <220> FEATURE:
276 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
277 Peptide

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Input Set : A:\SEQLIST500862002100.TXT

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279 <400> SEQUENCE: 15
280 Pro Val Gly Lys Lys Arg Arg Pro Val Lys Val Tyr Pro Asn Val Ala
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284           20           25
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288 <211> LENGTH: 18
289 <212> TYPE: PRT
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292 <220> FEATURE:
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294 Peptide
296 <400> SEQUENCE: 16
297 Val Tyr Pro Asn Gly Ala Glu Asp Glu Ser Ala Glu Ala Phe Pro Leu
298   1           5           10           15
300 Glu Phe
304 <210> SEQ ID NO: 17
305 <211> LENGTH: 33
306 <212> TYPE: PRT
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309 <220> FEATURE:
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311 Peptide
313 <400> SEQUENCE: 17
314 Val Cys Ser Cys Arg Leu Val Phe Cys Arg Arg Thr Glu Leu Arg Val
315   1           5           10           15
317 Gly Asn Cys Leu Ile Gly Gly Val Ser Phe Thr Tyr Cys Cys Thr Arg
318           20           25           30
320 Val
324 <210> SEQ ID NO: 18
325 <211> LENGTH: 34
326 <212> TYPE: PRT
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
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331 Peptide
333 <400> SEQUENCE: 18
334 Gly Ile Cys Ala Cys Arg Arg Arg Phe Cys Pro Asn Ser Glu Arg Phe
335   1           5           10           15
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338           20           25           30
340 Arg Arg
344 <210> SEQ ID NO: 19
345 <211> LENGTH: 5
346 <212> TYPE: PRT
347 <213> ORGANISM: Artificial Sequence
349 <220> FEATURE:
350 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
351 Peptide

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/623,548A

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Input Set : A:\SEQLIST500862002100.TXT  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:356; Xaa Pos. 17

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/623,548A

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Input Set : A:\SEQLIST500862002100.TXT

Output Set: N:\CRF4\03132003\I623548A.raw

L:1275 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (81) SEQUENCE:  
L:1738 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (108) SEQUENCE:  
L:5943 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:5947 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:356  
L:5951 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:356 after pos.:16  
L:6857 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (409) SEQUENCE:  
L:6919 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (414) SEQUENCE: